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AMENDMENTS IN THE CLAIMSRECEIVED
CENTRAL FAX CENTER

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- 1 1. (Currently amended) An apparatus, comprising:
 - 2 a network component operable to employ [[that employs]] a) one or more call characteristics to make a determination to initiate a request to a switch component for one or more positions of one or more mobile stations and b) one or more call parameters to identify one or more cellular network cells associated with the one or more mobile stations, wherein at least one of the one or more call parameters employed to identify one of the one or more cellular network cells is a telephony number of at least one of the one or more mobile stations; and
 - 9 wherein the network component is operable to receive [[receives]], in response to the request, the one or more positions of the one or more mobile stations from a position component operable to determine [[that determines]] the one or more positions of the one or more mobile stations continuously; and
 - 13 wherein the network component comprises one of a magnetic, optical, biological, or atomic data storage medium ~~switch component assigns a channel to the at least one of the one or more mobile stations for a call upon a comparison of a calling party number with the at least one of the one or more call parameters.~~
- 1 2. (Currently amended) The apparatus of claim 1, wherein the network component is operable to perform [[performs]] a comparison of the one or more call characteristics with one or more thresholds to make the determination to initiate the request for the one or more positions of the one or more mobile stations.

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1 3. (Currently amended) The apparatus of claim 2, wherein the one or more
2 call characteristics comprise a pilot signal strength characteristic, and wherein the one
3 or more thresholds comprise a pilot signal strength threshold, and wherein the network
4 component is operable to perform [[performs]] a comparison of the pilot signal strength
5 characteristic with the pilot signal strength threshold; and

6 wherein the network component makes the determination to initiate the request
7 for the one or more positions of the one or more mobile stations based on a result of the
8 comparison of the pilot signal strength characteristic with the pilot signal strength
9 threshold.

1 4. (Currently amended) The apparatus of claim 2, wherein the network
2 component is operable to employ [[employs]] the one or more call characteristics to
3 create one or more call statistics, and wherein the one or more thresholds comprise one
4 or more call characteristic thresholds and one or more call statistic thresholds; and

5 wherein the network component is operable to perform [[performs]] a comparison
6 of the one or more call statistics with the one or more call statistic thresholds; and

7 wherein the network component is operable to employ [[employs]] a comparison
8 of the one or more call characteristics with the one or more call characteristic thresholds
9 and the comparison of the one or more call statistics with the one or more call statistic
10 thresholds to make the determination to initiate the request.

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1 5. (Currently amended) The apparatus of claim 2, wherein the network
2 component comprises an interface, and wherein the network component is operable to
3 receive [[receives]] the one or more thresholds from a service provider through
4 employment of the interface.

1 6. (Currently amended) The apparatus of claim 1, wherein the network
2 component is operable to employ [[employs]] the determination to initiate the request to
3 promote an avoidance of congestion in one or more cellular network communication
4 paths.

1 7. (Currently amended) The apparatus of claim 6, wherein the network
2 component makes the determination to initiate the request upon an exceedance of the
3 one or more call characteristics relative to one or more thresholds; and
4 wherein upon the exceedance of the one or more call characteristics relative to
5 the one or more thresholds, the network component and the position component are
6 operable to cooperate to obtain the one or more positions of the one or more mobile
7 stations.

1 8. (Currently amended) The apparatus of claim 7, wherein upon a
2 termination of the exceedance of the one or more call characteristics relative to the one
3 or more thresholds, the network component and the position component are operable to
4 cooperate to discontinue attainment of the one or more positions of the one or more
5 mobile stations.

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1 9. (Currently amended) The apparatus of claim 1, wherein the network
2 component is operable to employ [[employs]] the one or more call characteristics to
3 perform a selection of the one or more mobile stations from a plurality of mobile
4 stations; and

5 wherein the network component is operable to employ [[employs]] the selection
6 to formulate the request for the one or more positions of the one or more mobile stations
7 from the plurality of mobile stations.

1 10. (Currently amended) The apparatus of claim 1, wherein the one or more
2 mobile stations are associated with the one or more cellular network cells; and

3 wherein the network component is operable to employ [[employs]] the one or
4 more call characteristics to perform a selection of the one or more cellular network cells
5 from a plurality of cellular network cells; and

6 wherein the network component is operable to employ [[employs]] the selection
7 to formulate the request for the one or more positions of the one or more mobile stations
8 that are associated with the one or more cellular network cells.

i 11. (Currently amended) The apparatus of claim 10, wherein the network
2 component is operable to employ [[employs]] the switch component to identify the one
3 or more mobile stations that are associated with the one or more cellular network cells;
4 and

5 wherein the network component is operable to employ [[employs]] the switch
6 component to determine the one or more positions of the one or more mobile stations
7 that are associated with the one or more cellular network cells.

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1 12. (Currently amended) The apparatus of claim 1, wherein the network
2 component is operable to receive [[receives]] the one or more positions of the one or
3 more mobile stations in response to the request; and
4 wherein the network component is operable to employ [[employs]] the one or
5 more positions of the one or more mobile stations and the one or more call
6 characteristics to develop a coverage map.

1 13. (Currently amended) The apparatus of claim 1, further comprising:
2 the switch component that is operable to provide [[provides]] the one or more call
3 characteristics to the network component;
4 wherein the network component is operable to employ [[employs]] the one or
5 more call characteristics to make a determination to initiate a request to the switch
6 component; and
7 wherein the switch component is operable to obtain [[obtains]] the one or more
8 positions of the one or more mobile stations based on the request to the switch
9 component.

1 14. (Currently amended) The apparatus of claim 13, wherein the network
2 component is operable to provide [[provides]] to the switch component the one or more
3 call parameters; and
4 wherein the switch component is operable to employ [[employs]] the one or more
5 call parameters to perform an identification of the one or more mobile stations from a
6 plurality of mobile stations; and

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7 wherein the switch component is operable to employ [[employs]] the identification
8 of the one or more mobile stations from the plurality of mobile stations to obtain the one
9 or more positions of the one or more mobile stations.

1 15. (Currently amended) The apparatus of claim 14, wherein the one or more
2 mobile stations are associated with one or more calls; and

3 wherein the switch component is operable to employ [[employs]] the one or more
4 call parameters to perform an identification of the one or more calls from a plurality of
5 calls; and

6 wherein the switch component is operable to employ [[employs]] the identification
7 of the one or more calls from the plurality of calls to obtain the one or more positions of
8 the one or more mobile stations that are associated with the one or more calls.

1 16. (Currently amended) The apparatus of claim 13, wherein the network
2 component and the switch component are operable to receive the one or more positions
3 of the one or more mobile stations from the position component; and

4 wherein the network component and the switch component are operable to
5 cooperate to develop a coverage map through employment of the one or more positions
6 of the one or more mobile stations.

1 17. (Currently amended) The apparatus of claim 16, wherein the position
2 component is operable to employ [[employs]] one or more of an Enhanced Forward Link
3 Trilateration algorithm and an IS-801 solution using an Assisted Global Positioning
4 System (AGPS), Advanced Forward Link Trilateration (AFLT) or combined AGPS/AFLT
5 algorithm to determine the one or more positions of the one or more mobile stations.

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1 18. (Currently amended) A method, comprising the steps of:

2 initiating a request from a network component to a switch component for one or
3 more positions of one or more mobile stations through employment of a) one or more
4 call characteristics and b) one or more call parameters to identify one or more cellular
5 network cells associated with the one or more mobile stations, wherein at least one of
6 the one or more call parameters employed to identify one of the one or more cellular
7 network cells is a telephony number of at least one of the one or more mobile stations;

8 receiving, in response to the request, the one or more positions of the one or
9 more mobile stations; and

10 determining the one or more positions of the one or more mobile stations
11 continuously;

12 wherein the network component comprises one of a magnetic, optical, biological,
13 or atomic data storage medium switch component assigns a channel to the at least one
14 of the one or more mobile stations for a call upon a comparison of a calling party
15 number with the at least one of the one or more call parameters.

1 19. (Currently amended) The method of claim 18, wherein the step of initiating
2 the request from the network component to the switch component for the one or more
3 positions of the one or more mobile stations through employment of the one or more call
4 characteristics further comprises the steps of:

5 performing a comparison of the one or more call characteristics with one or more
6 thresholds; and

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7 initiating the request for the one or more positions of the one or more mobile
8 stations based on the comparison.

1 20. (Currently amended) The method of claim 19, wherein the step of initiating
2 the request from the network component to the switch component for the one or more
3 positions of the one or more mobile stations based on the comparison further comprises
4 the steps of:

5 determining the one or more call parameters associated with the one or more
6 thresholds;

7 identifying the one or more mobile stations from a plurality of mobile stations
8 through employment of the one or more call parameters; and

9 initiating the request for the one or more positions of the one or more mobile
10 stations through employment of the one or more call parameters.

1 21. (Cancelled)

1 22. (Previously presented) The apparatus of claim 16, wherein the position
2 component is pre-provisioned with one or more intervals of time to determine the one or
3 more positions of the one or more mobile stations.

1 23. (Previously presented) The apparatus of claim 5, wherein the thresholds
2 provide a measure of a quality level of service provided to the one or more mobile
3 stations.

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1 24. (Currently amended) The apparatus of claim 1, wherein the network
2 component is operable to employ [[employs]] the one or more call parameters to identify
3 i) the one or more cellular network cells associated with the one or more mobile stations
4 or ii) the one or more mobile stations.

1 25. (Currently amended) The apparatus of claim 1, wherein the network
2 component is operable to limit [[limits]] a number of requests for the one or more
3 positions of the one or more mobile stations based on a comparison of the one or more
4 call characteristics with one or more thresholds.

1 26. (Previously presented) The apparatus of claim 4, wherein one of the one
2 or more call statistics is a number of dropped calls within an hour.

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